


American Gilsonite Company

A Chevron Company
Bonanza, UT 84008 • Phone (801) 789-1921

Bonanza Mining Operations

January 9, 1985

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DIVISION OF
OIL, GAS & MINING

Ms. Susan C. Linner
Permit Supervisor
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT. 84180/1203

Dear Ms. Linner:

In response to your letter of June 25, 1984, I have revised various items within the Mine and Reclamation Plan ACT/047/010. Many of the revisions have been decided upon following phone conversations and meetings with members of the Division staff.

The revisions have been made on pages that may be inserted in the MRP. Each page has a revision or addition date.

Responses:

<u>Deficiency Item</u>	<u>Referenced Response</u>
Page 1, Rule M-3(1)(e)-TJS	Page 5, Item 15.D.
Rule M-3(1)(g)-TJS	Ponds approved by UDOH. Refer to Appendix II.
Rule M-3(1)(h)-TJS	Discharge limitations presented in NPDES permit. Refer to page 5c and Appendix II. Refer to Appendix III for analysis. Refer to page 5e for impact.

Responses Continued:

<u>Deficiency Item</u>	<u>Referenced Response</u>
Page 1, Rule M-3(2)-TNT	Refer to pages 5a and 7 and Map II.
Rule M-3(2)(c)(2)-SLL	Bonanza Mining Operations will notify the Division in writing sixty (60) days prior to any alteration of the ore storage bunkers. Refer to page 9a.
Rule M-3(2)(d)-SS	Refer to page 8a for reclamation procedures. Refer to page 7a for capping and plugging of drill holes.
Page 2, Rule M-3(2)(d)-TLP	Refer to page 8a.
Rule M-3(2)(e)(f)-SCL	Plans for 1985 as well as accomplished reclamation are presented on pages 4a, 10a, 10c, and 10d.
Rule M-5-SS	Refer to pages 7a, 10e, and 10f for procedures. Reclamation equipment presented on page 10f.
Page 3, Stipulation M-5-TLP	Acknowledged
Rule M-10(10)-TNT	Design details presented on page 7a.
Rule M-10(12)-SCL	Refer to Site Analysis Transects, Appendix I. Reclamation observations presented on page 10a. Yearly reports will be submitted. Original analysis methods will be continued for evaluation of results.

Responses Continued:

<u>Deficiency Item</u>	<u>Referenced Responses</u>
Page 4, Rule M-10(14)-TLP	Suitability chart on page 6d has been revised. Item 1, Refer to page 5d. Quantities of salvaged topsoil are presented on page 6f. Measurements for stockpile calculations are presented on the individual mine site inventories of Appendix I. Also, refer to page 6c and 6e.
Page 5, Rule M-10(14)-TLP	Seed bed preparation presented on page 8a. Fertilizer amendments depend upon individual analysis. Refer to page 6c and 8a for techniques and amendments. Refer to page 10a for 1984 reclamation. Site recommendations were utilized.
Page 6, General Comments	GILSONITE is a hydrocarbon, thus, spilled, GILSONITE would show up as organic carbon in mine site soil sample analysis. The SAR and Na elevated analysis probably results from the compaction of mine sites and leaching actions. Refer to page 4f for a typical composition. Refer to page 10e for bonding cost calculations.

Ms Susan C. Linner
Response to Deficiency Items
January 9, 1985
Page 4

Enclosed are two (2) pages of each of the following:

Page 4a, Revised 12/3/84
Page 4b, Revised 12/3/84
Page 4f, Revised 12/3/84
Page 5 of 12, Revised 12/3/84
Page 5b, Revised 12/3/84
Page 5c, Revised 12/3/84
Page 5d, Revised 12/3/84
Page 6a, Revised 12/3/84
Page 6b, Revised 12/3/84
Page 6c, Revised 12/3/84
Page 6d, Revised 12/3/84
Page 6e, Revised 12/3/84
Page 6f, Added 12/3/84
Page 7 of 12, Revised 12/3/84
Page 7a, Revised 12/3/84
Page 8a, Added 12/3/84
Page 9 of 12, Revised 12/3/84
Page 10a, Revised 12/3/84
Page 10c, Revised 12/3/84
Page 10d, Revised 12/3/84
Page 10e, Revised 12/3/84
Page 10f, Revised 12/3/84

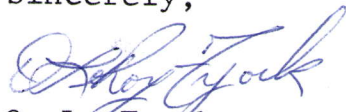
Harrison-1 Inventory Revised 12/3/84
Harrison-2 Addition 12/3/84

UDOH Approval Letter, June 12, 1984
BLM Special Use Permit, September 27, 1984

It is requested by American Gilsonite Company that this review be completed in time for presentation before the Board - meeting scheduled in February 1985. Should you have any questions, please contact me at the Vernal Phosphate Operations, Manila Star Route, Vernal, UT 84078 or at 789-7795, ext 48.

Thank you for your time and cooperation.

Sincerely,



O. L. Fyock

OLF:vjw

Encl.

cc: RF Dewey w/out enclosures
RL Haffner w/out enclosures